



FEATURES

- Intel 12th generation Alder Lake-N series
- Supports 1*DDR5 SO-DIMM, Max up to 16GB
- 1*DC; 1* HD, 4*USB3.0
- 2*LAN (Intel 2.5G)
- It Supports Audio, WIFI, 4/5G, Bluetooth expansion
- Multiple expansion interfaces, can be customized according to different needs

SBC-29001	
CPU	Intel 12th Generation Alder Lake-N Series, EFI BIO
Memory	1*DDR5 SO-DIMM, Max up to 16GB
Storage	1*M.2 M-Key 2280 (PCIe_2X), 1*SATA3.0, power supply 5V 2Pin
HDMI	1*HD2.1
LVDS/eDP	1*24-bit LVDS (LVDS/eDP, Choose one)
DP	1*DP 1.4
USB	2*USB3.0, 2*USB2.0 pin headers
LAN	3*LAN (3*i226-V, LAN1/LAN2 supports POE 48V/15W)
TPM	1*TPM2.0 (chipset optional, not available by default)
CAN	1*CAN
COM	6*COM, (COM1 and COM2 are RS232 by default, RS485 / RS422 can be selected through BIOS, and 4*RS232),
SPK	1*SPK,
FAN	1*CPU Smart FAN, 4Pin, 1* system fan, F_Panel
GPIO	8-bit GPIO pin
CMOS	1*CL_CMOS, AT/ATX
DC	1*DC port
Power Supply	DC 9-36V, 60W or above
OS	Windows 10, Windows 11, Linux
OPERATING TEMPRATURE	-20 °C ~ +60 °C;
Storage temperature	-40 °C ~ +85 °C;
Working humidity	0% ~ 90% relative humidity, no condensation
Storage humidity	0% ~ 90% relative humidity, no condensation
DIMENSIONS	146x102mm
CERTIFICATIONS	CE, FCC
WARRANTY	2 YEARS

